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Approved for use through 10-31-2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **X-1102-1P-1D US**First Inventor **Stephen M. Trimberger**Title **Quintuple Modular Redundancy for High Reliability Circuits
Implemented in Programmable Logic Devices**Express Mail Label No. **EV 000382772 US****APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Commissioner for Patents
P.O. Box 1450; Mail Stop Patent Application
Alexandria, Virginia 22313-14501. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)2. ☒ Specification [Total Pages **19**]
(Preferred arrangement set forth below)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC 113) [Total Sheets **04**]4. Oath or Declaration [Total Pages **01**]a. ☐ Newly Executed (original or copy)b. ☒ Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 17 completed)i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).5. ☒ Application Data Sheet. See 37 CFR 1.766. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)a. ☐ Computer Readable Copy (CRC)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); orii. ☐ paperc. ☐ Statements verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**8. ☒ Assignment Papers (cover sheet & document(s))9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney10. ☐ English Translation Document (if applicable)11. ☒ Information Disclosure
Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations12. ☐ Preliminary Amendment13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)15. ☒ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B). Applicant must attach form PTO/SB/35
or its equivalent.16. ☒ Other: **Priority IDS**17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation☒ Divisional☐ Continuation-in-part (CIP)of prior application No: **10/245,741**Prior application information: Examiner **Anh Q. Tran**Group / Art Unit: **2819**For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**18. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label**24309**

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or ☐ Correspondence address belowName **Attn: Lois D. Cartier**

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Signature

Date **February 26, 2004**Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any
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